**Mykola** **Avramuk**

**Personal** **information**

Home: Ukraine

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### Summary

I am a DevOps Engineer with **over** **5 years** in system administration and **4 years** in development and cloud computing. Proficient in managing Linux environments, implementing CI/CD pipelines, IaC, automating tasks using Bash and Python. Skilled in containerization with Docker. Currently deep dive in GitOps and Kubernetes. Strong expertise in AWS and the streaming domain.

**Expertise**

* AWS: EC2, ECS, S3, Lambda, Route53, API Gateway - Advanced
* IaC: Terraform, Cloudformation - Intermediate
* CI/CD: CodeBuild, CodePipeline - Intermediate
* Linux, Docker - Advanced
* Kubernetes, ArgoCD, Helm, Ansible - Novice
* Scripting: Bash, Python, Go - Novice
* Windows, macOS, Android, iOS - Intermediate
* Postman - Advanced
* vMix, OBS, LiveU, AWS Elemental Live
* GitHub Projects, TestRail
* SDI and IP video transport, Oasys System
* MPEG Video, SRT, Zixi, RTMP, HLS, WebRTC, NDI, FFmpeg, Gstreamer

**Experience**

**DevOps Engineer | Serverless Graphics Module |** [**Team in UA**](https://www.linkedin.com/company/teaminua) **| Contract  
Oct 2023 – Feb 2024**

Responsibility: IaC for serverless service for generating Ad video graphics and insertion into HLS chunks. CI/CD with CodeBuild, CodePipeline. Testing and maintaining project.

Technology: CloudFormation, Lambda, ECS, Fargate, Docker, Bash, Python, Ffmpeg, HLS

**DevOps Engineer |** [**Cyber Regiment**](https://www.cyber-regiment.com.ua/) **| Volunteer  
Sep 2022 – Present**

Responsibility: IaC for NEST.JS application with GitlabCI. Pentest and OSINT tasks.

Technology: Nest, Typescript, Bash, Gitlab CI, Kali Linux

**QA Engineer / DevOps |** [**Mixa.live**](https://mixa.live/) **|** **[Team in UA](https://www.linkedin.com/company/teaminua) |** **Contract  
Mar 2022 – Present**

QA: Full QA process of SDLC for the cloud video switcher  
DevOps: Fully infra migration to another AWS account with Terraform and maintaining  
Technology: Live Video Streaming, Linux, Web, SRT, RTMP, Zixi, Terraform, Lambda

**QA Engineer & Project Manager |** [**VVCR**](https://vvcr.tv/) **|** **[Team in UA](https://www.linkedin.com/company/teaminua) | Contract  
Jul 2020 – Present**

Responsibility: Full QA process from scratch of cloud-based virtual video control room system (VVCR). Test Planning, API Testing, Manual Testing.

Managing SDLC in a team of 4 people  
Technology: Scrum, Live Video Streaming, Postman, Playwright, AWS, Bash

**QA Engineer |** [**RIVET**](https://rivet.stream/) **|** [**Team in UA**](https://www.linkedin.com/company/teaminua) **| Contract  
Jul 2020 – Mar 2022**  
Responsibility:

Full QA process from scratch of Broadcast Tools (Windows, macOS, iOS, Android) and Platform (web) for Remote Streaming via SRT Protocol.  
Technology: Test Planning, System Testing, Regression Testing, Live Video Streaming, API Testing, Manual Testing, Test Automation

**Video Streaming Engineer |** [**1+1 MEDIA**](https://media.1plus1.ua/) **| Shift time**

**Aug 2018 - Jul 2020**

Responsibility: Live video streaming, Installation, and support of devices and applications for broadcasts

Technology: AWS Elemental Live, LiveU Central, vMix, FFmpeg, RTMP, HLS, UDP

**Broadcasting Automation Engineer | TV channel | Shift time  
Mar 2020 - Jun 2021**

Responsibility: Servers Administering for TV channel Video Content Delivery pipeline (50+ servers)

Technology: Windows Server, Linux, MacOS, Avid Technology Products

**IT Support Engineer | TV channel | Shift time**

**Feb 2018 - May 2020**

Responsibility: Technical Support, Setup and Maintenance of new servers and workstations

Technology: Technical Support, Avid Technology Products, Windows, Linux, macOS, Active Directory

Achievements: Initiated and implemented monitoring of client machines via Zabbix, Implemented remote technical support for client machines via VNC

**Broadcast Specialist | TV channel | Shift time  
Sep 2016 - Feb 2018**

Responsibility: Broadcast quality control, planning of the broadcast grid, quick response to any problems in the final broadcast signal  
Technology: Oasys Air System, Avid Technology Products, SDI, Windows Server

**Education**

National Technical University of Ukraine “Kyiv Polytechnic Institute”

Master's degree, Intellectual technologies of microsystem radio-electronic equipment

Sep 2017 - Sep 2018

National Technical University of Ukraine “Kyiv Polytechnic Institute”

Bachelor's degree, Telecommunications and radio engineering

Sep 2013 - Aug 2017

**Languages**

English - intermediate

Ukrainian – native